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CLAIMS

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1. A composition comprising (by weight):
 - 55 to 99.5 parts of an EVOH copolymer,
 - 0.5 to 45 parts of polypropylene (A) and of compatibilizer (B), the proportions of (A) and (B) being such that (A)/(B) is between 1 and 5,
 - the ratio of the MFI of the EVOH to the MFI of the polypropylene being greater than 5, "MFI" denoting the melt flow index.
 - 10 2. The composition as claimed in claim 1, in which the MFI of (A) is between 0.5 and 3 (in g/10 mm at 230°C/2.16 kg).
 3. The composition as claimed in claim 1 or 2,
 - 15 in which the ratio of the MFI of the EVOH to the MFI of the polypropylene is between 5 and 25, the MFIs being measured at 230°C under a load of 2.16 kg.
 4. The composition as claimed in claim 3, in which the ratio of the MFIs is between 8 and 15.
 - 20 5. The composition as claimed in any one of the preceding claims, in which the (A)/(B) weight ratio is between 2 and 4.
 6. The composition as claimed in any one of claims 1 to 5, in which (B) is a polyethylene carrying
 - 25 polyamide grafts which results from the reaction of (i) a copolymer (B1) of ethylene and an unsaturated monomer
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A
cont

X, which is grafted or copolymerized, with (ii) a polyamide (B2).

7. The composition as claimed in claim 6, in which (B1) is chosen from ethylene-maleic anhydride copolymers and ethylene-alkyl (meth)acrylate-maleic anhydride copolymers, these copolymers comprising from 0.2 to 10% by weight of maleic anhydride and from 0 to 40% by weight of alkyl (meth)acrylate.

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8. The composition as claimed in any one of claims 1 to 5, in which (B) is a polypropylene carrying polyamide grafts which results from the reaction of (i) a propylene homopolymer or copolymer (B3) comprising an unsaturated monomer X, which is grafted or copolymerized, with (ii) a polyamide (B2).

15 9. The composition as claimed in claim 8, in which (B3) is an ethylene-propylene copolymer containing predominantly, in terms of moles, propylene grafted by maleic anhydride.

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20 10. The composition as claimed in any one of claims 6 to 9, in which (B2) is chosen from PA-6, PA-11, PA-12, the copolyamide containing nylon-6 units and nylon-12 units (PA-6/12) and the copolyamide based on caprolactam, hexamethylenediamine and adipic acid (PA-6/6,6).

25 11. The composition as claimed in any one of claims 6 to 9, in which (B2) is a monoaminated oligomer of PA-6.

12. Films consisting of compositions as claimed in any one of the preceding claims.

13. Films as claimed in claim 12, comprising at least one polypropylene layer.

14. Multilayer structures comprising a film as claimed in claim 12 or 13 and packaging articles comprising these structures.

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